TD821" 84T6200T

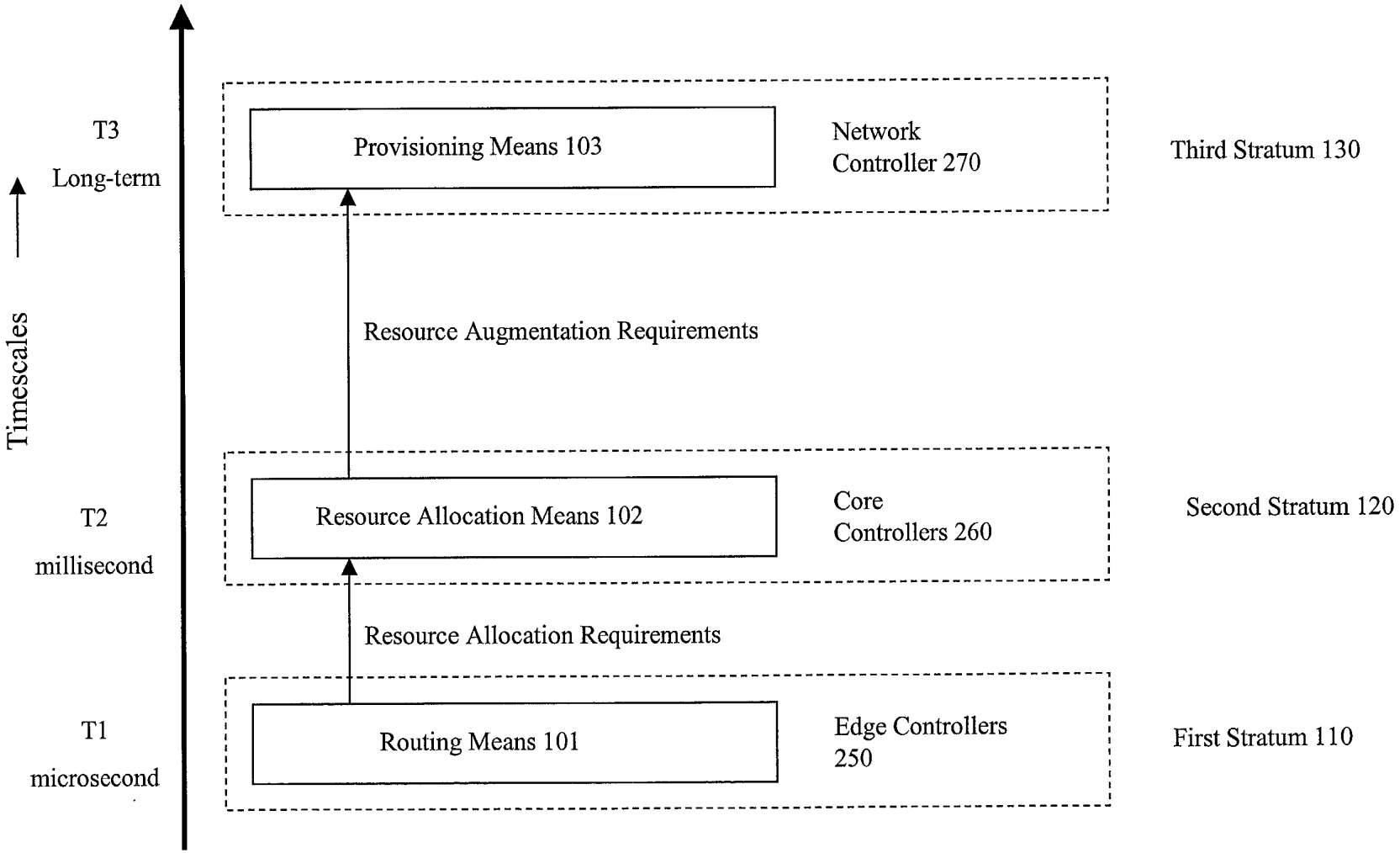



*FIG. 1*

T0825T 8ht6200T

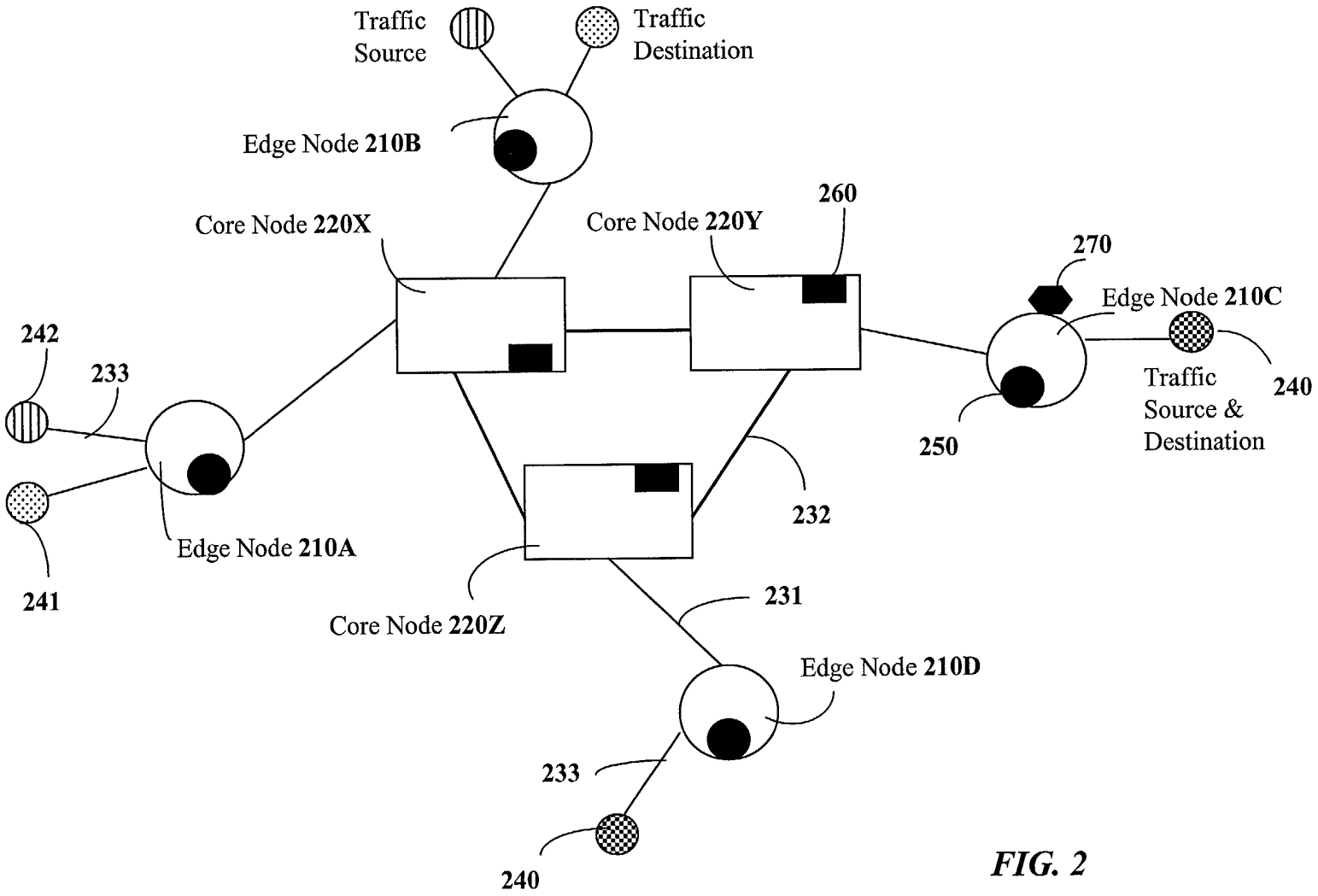



*FIG. 2*

T08227 Bht5200T

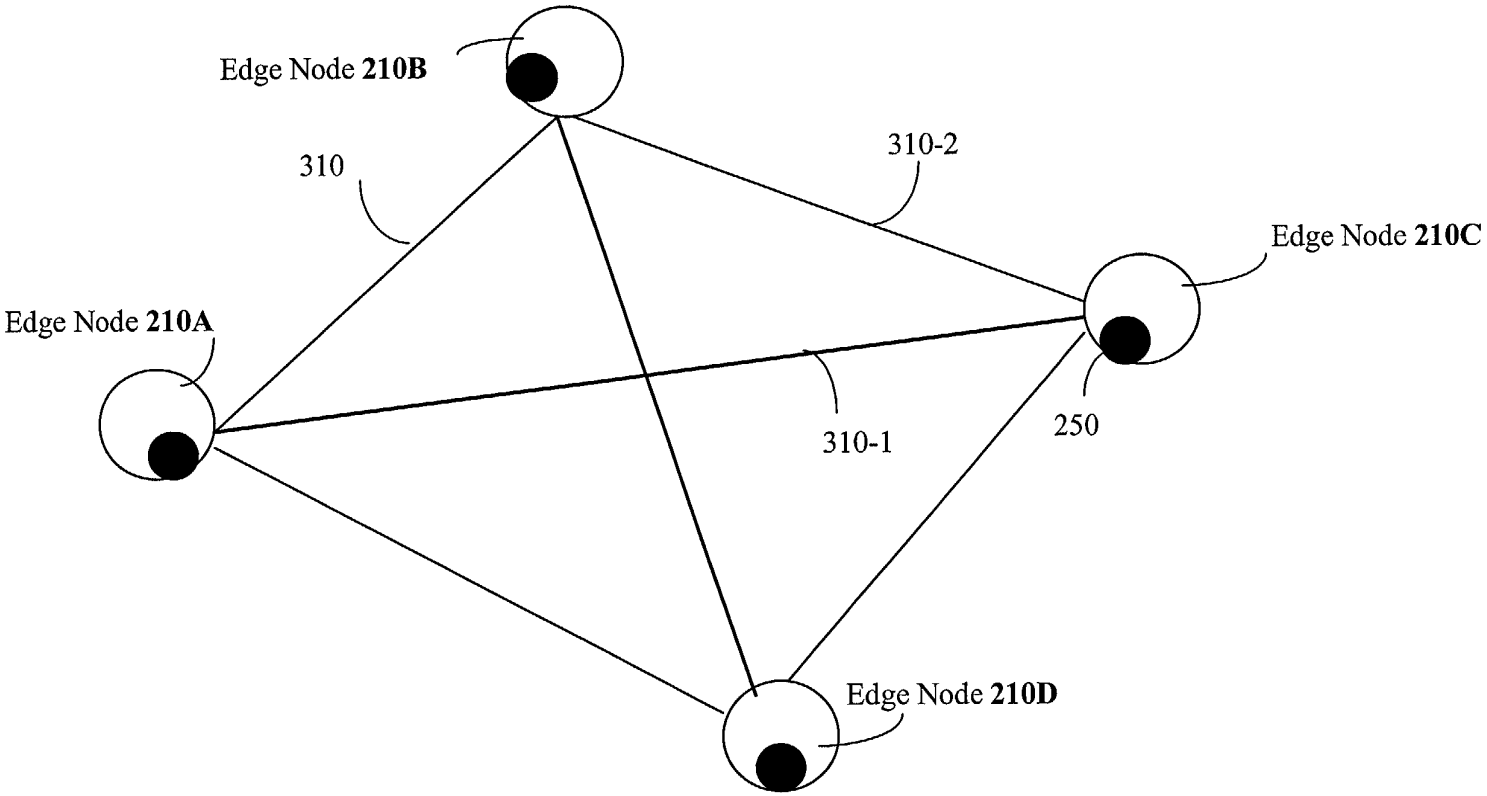


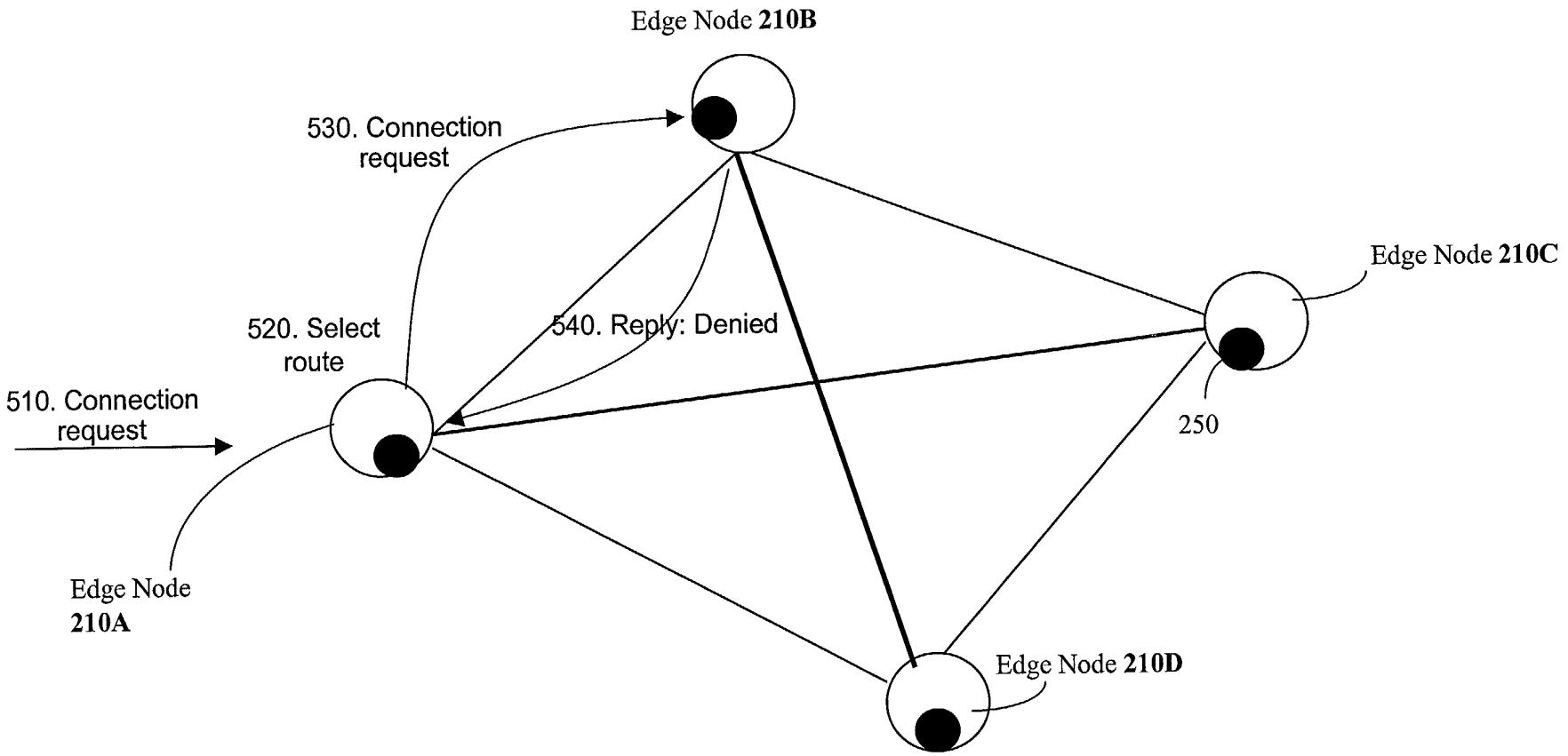

*FIG. 3*

FOR21T" 8hT62007

400

| 410 Routes | 420 Rank | 430 Availability | 440 Status |
|---|---|---|---|
| AB | 1 | 1 | Primary |
| ACB | 2 | 0 | Secondary |
| ADB | 2 | 1 | Secondary |
| ACDB | 3 | 0 | Secondary |
| ADCB | 3 | 1 | Secondary |

*FIG. 4*




PRIOR ART

*FIG. 5*

TO822E 8MT6200T

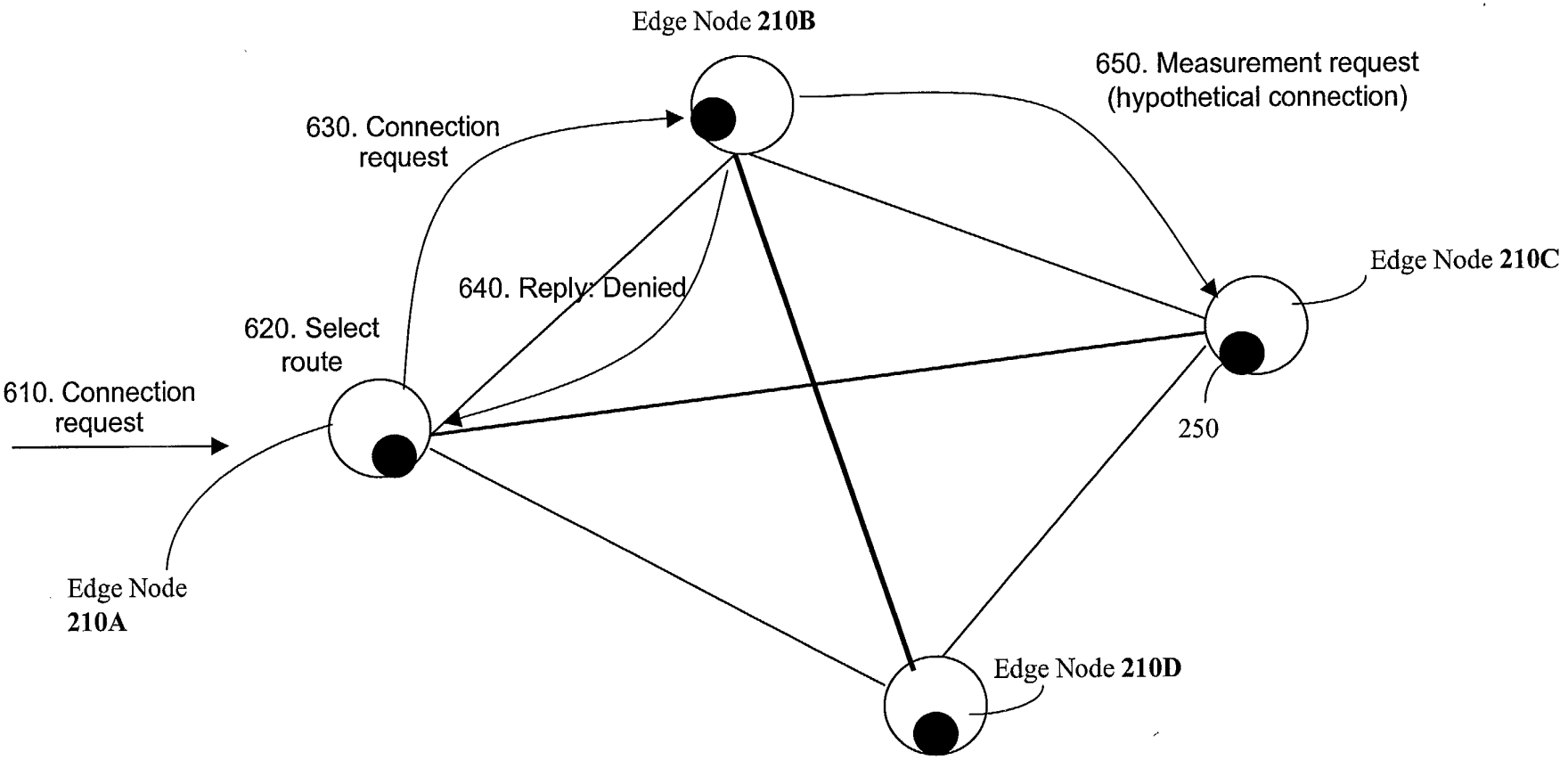



*FIG. 6*

TOSZT 8HT6200T

| | 721 Link B-A | 722 Link B-C | 723 Link B-D |
|---|---|---|---|
| 711 **Primary Traffic** | 9 | 7 | 3 |
| 712 **Secondary Traffic** | 1 | 3 | 7 |
| 713 **Denied Traffic** | 4 | 3 | 3 |

*FIG. 7*

TO8227 "8hT6200t

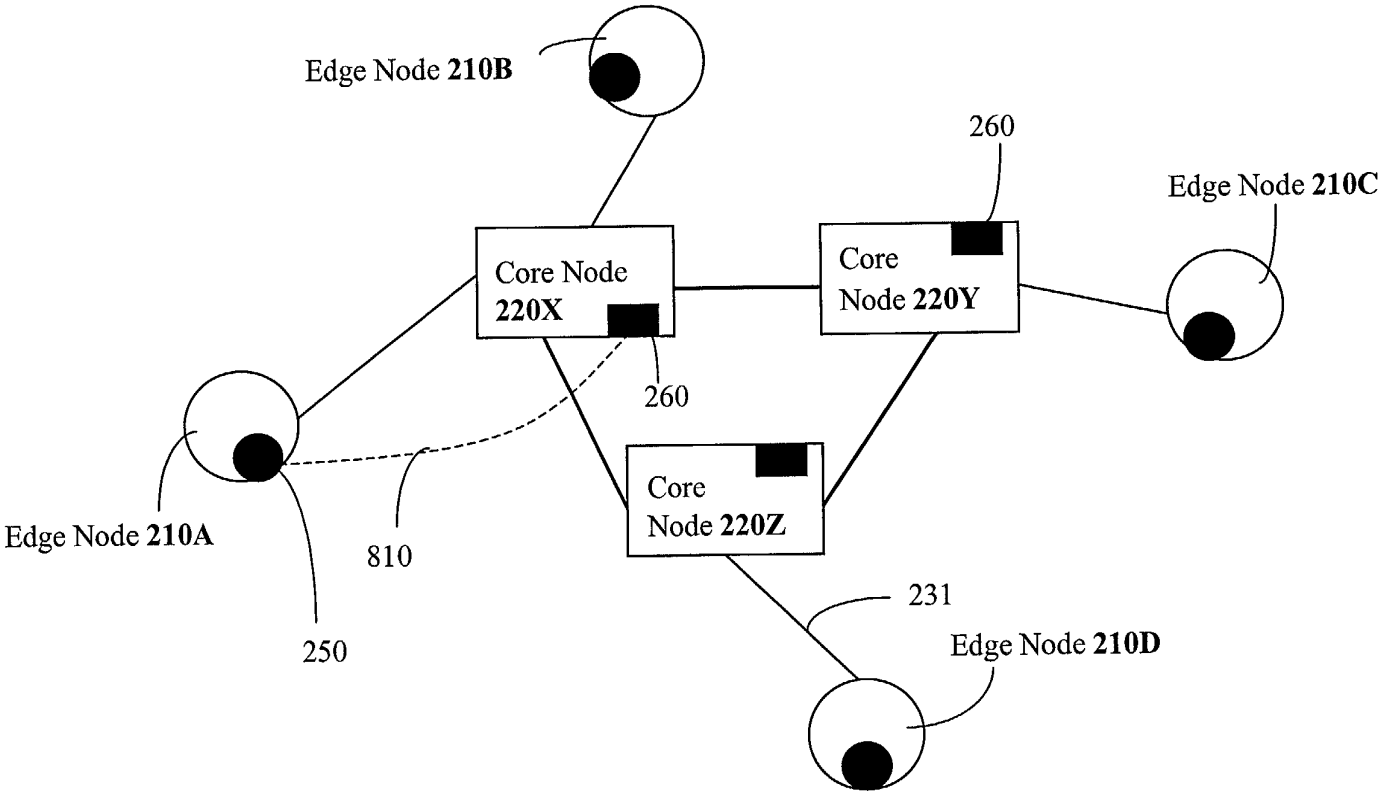



*FIG. 8*

TOBEAT 8MT62007

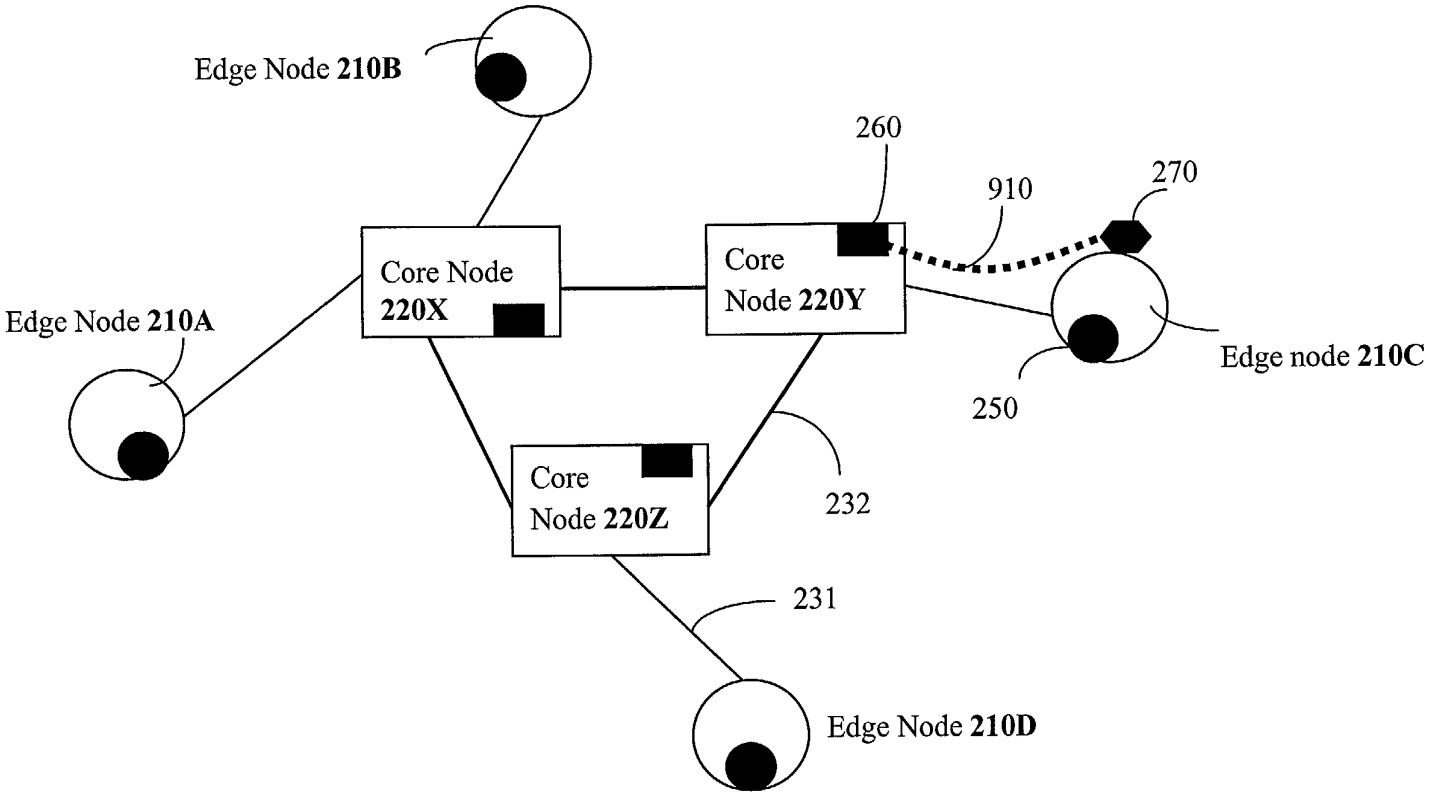



*FIG. 9*

TOSZT"8ATG200T

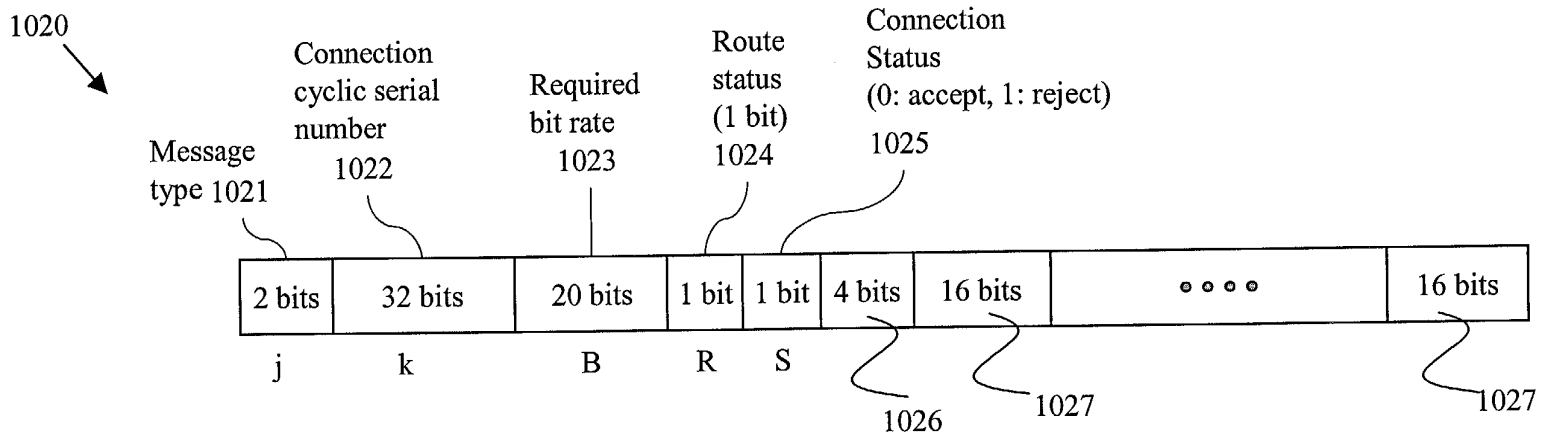



*FIG. 10A*

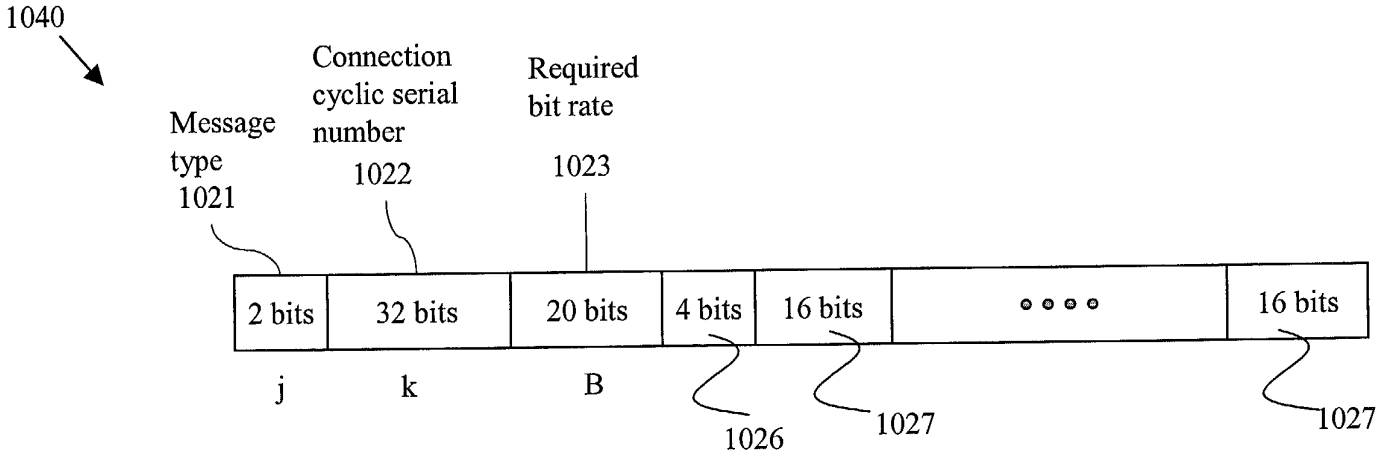



*FIG. 10B*

TOBZZT 8HT620T

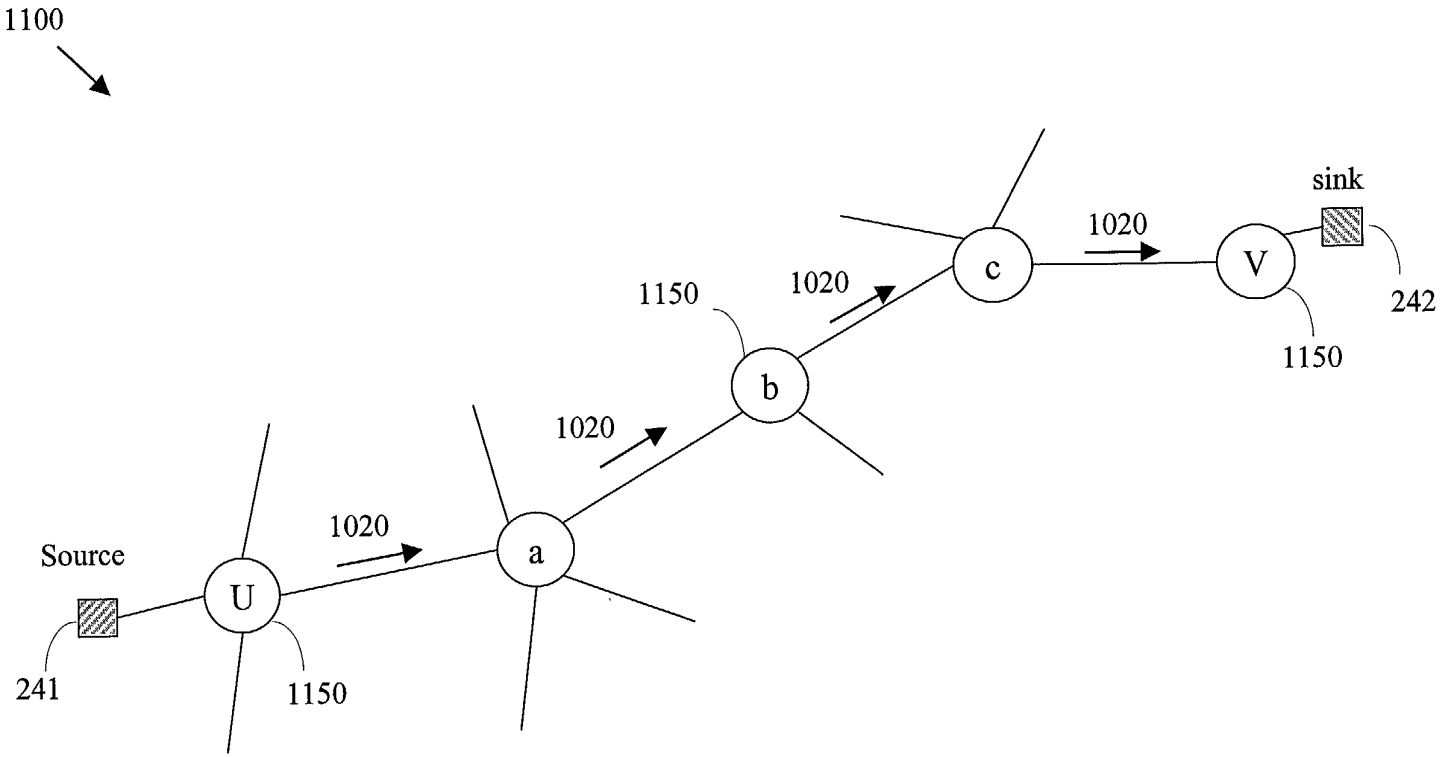



*FIG. 11*

TU821 Rec'd PCT/PTO 28 MAY 2002

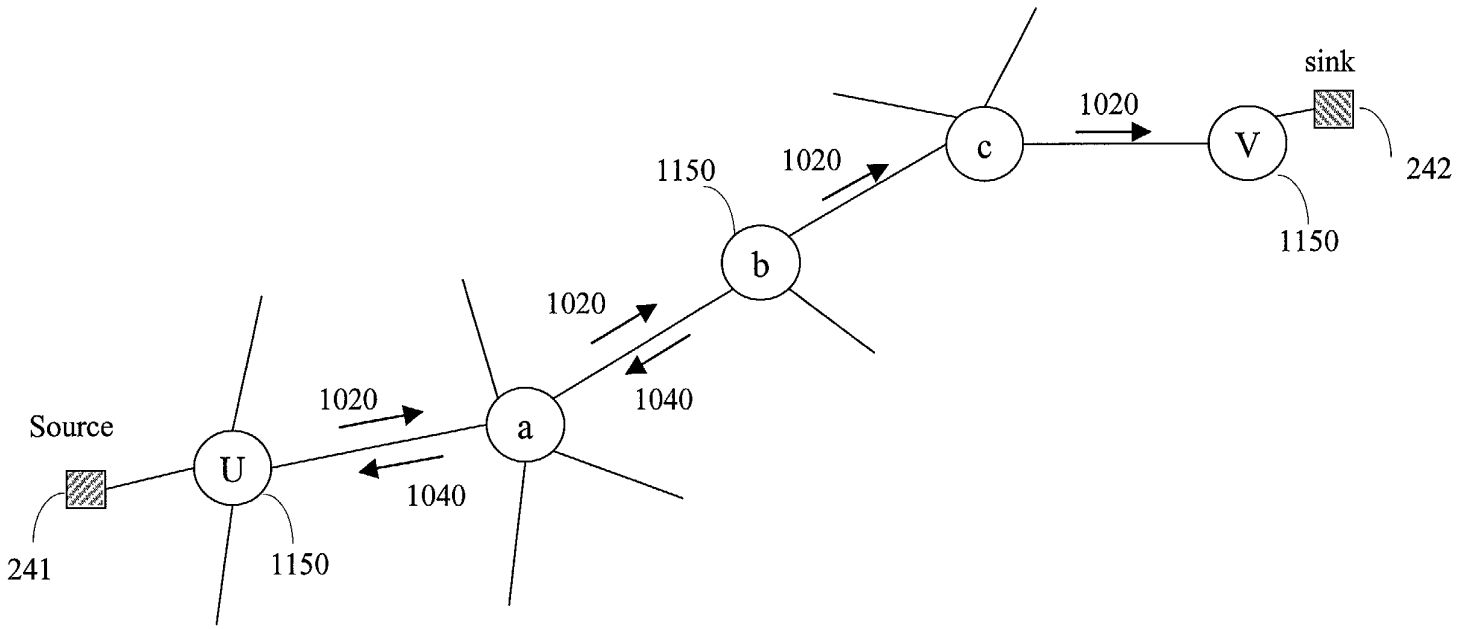



*FIG. 12*

TOSZZT 8ATE300T

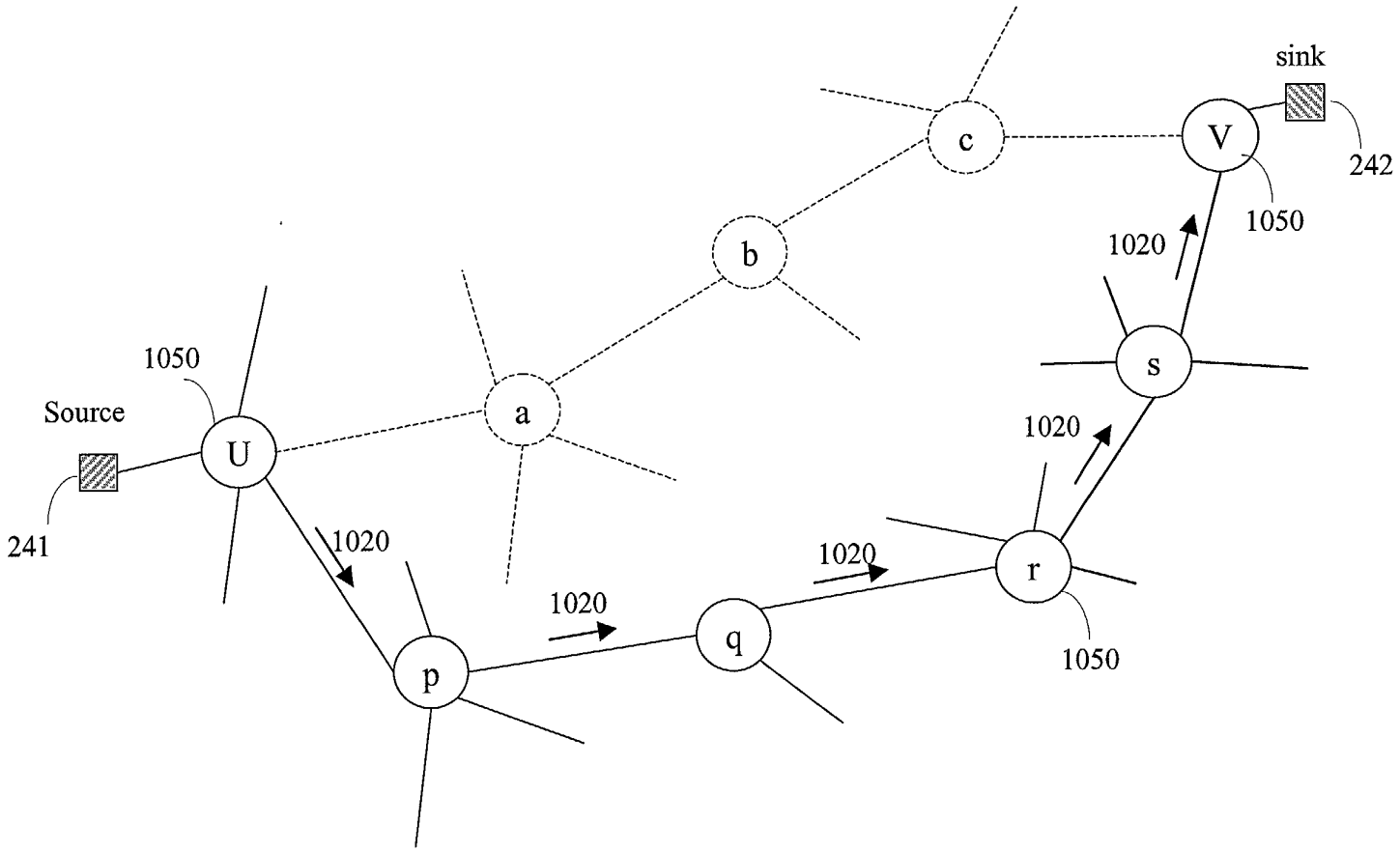



*FIG. 13*

Tobait Shtg2007

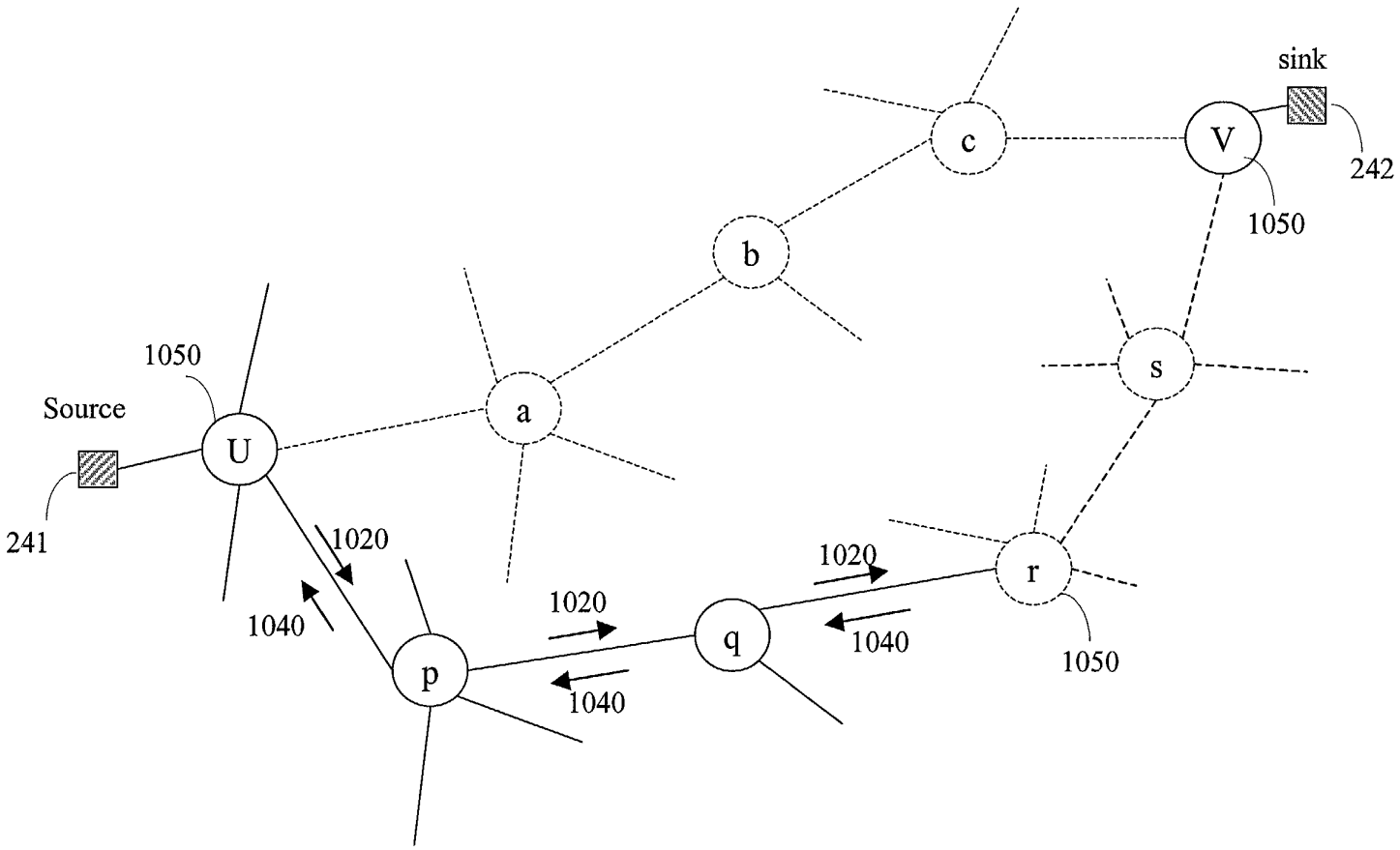



*FIG. 14*

T0822T" 8hT620DT

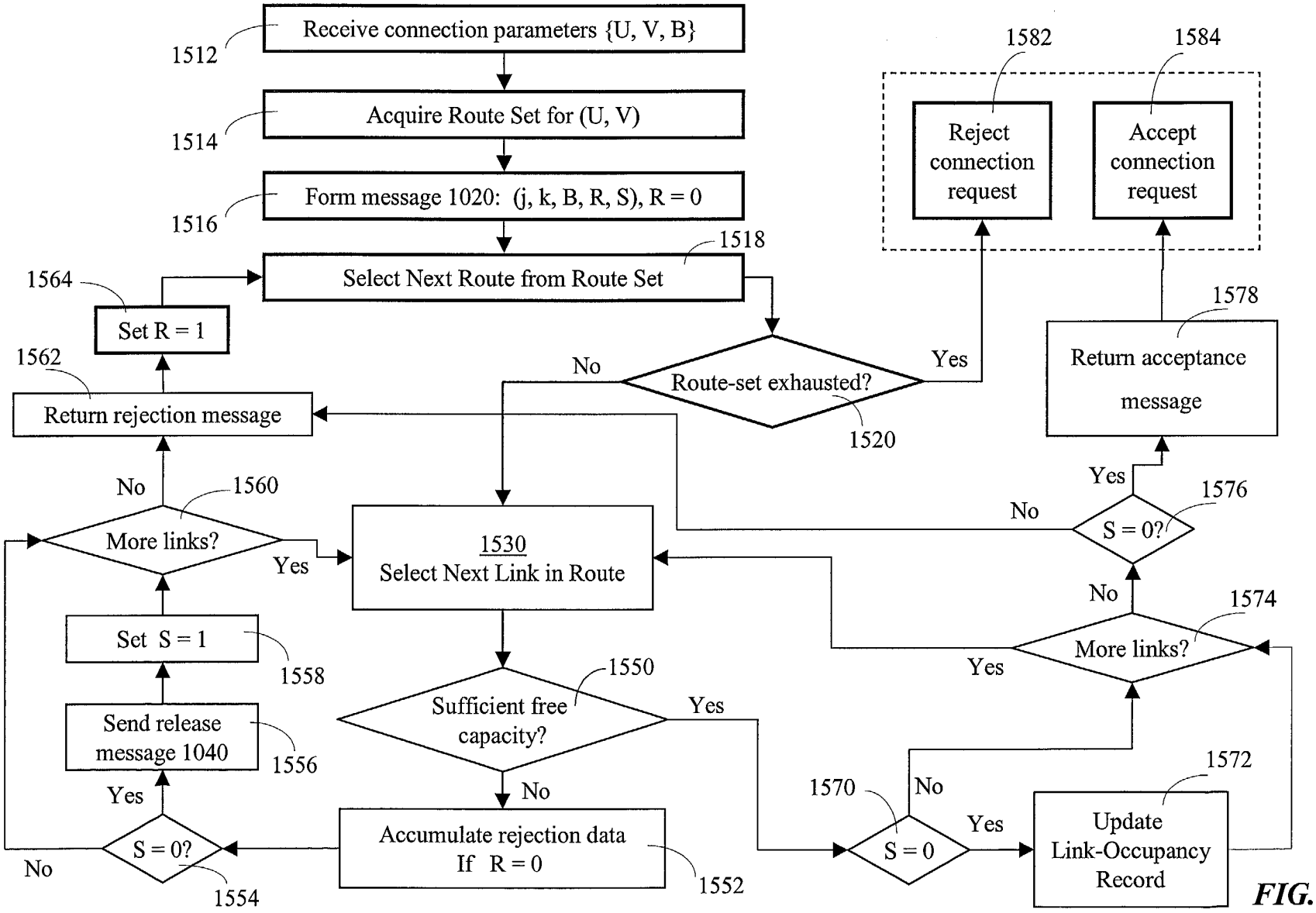



*FIG. 15*

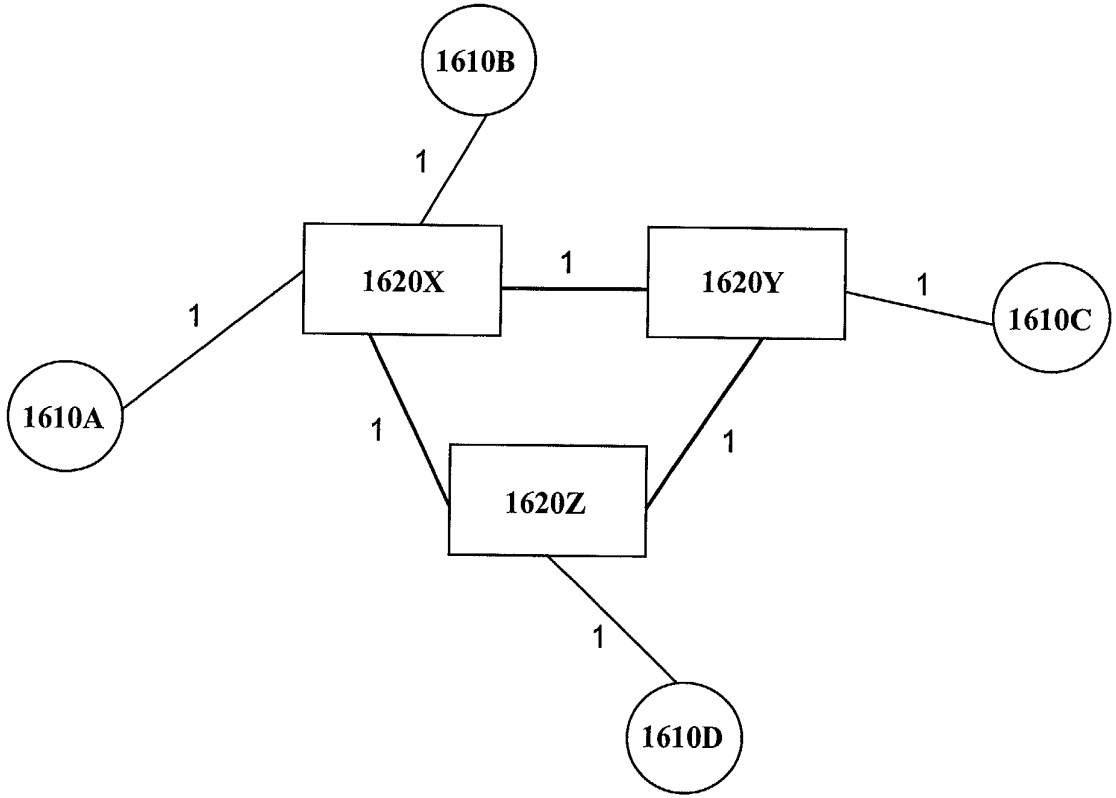



*FIG. 16*

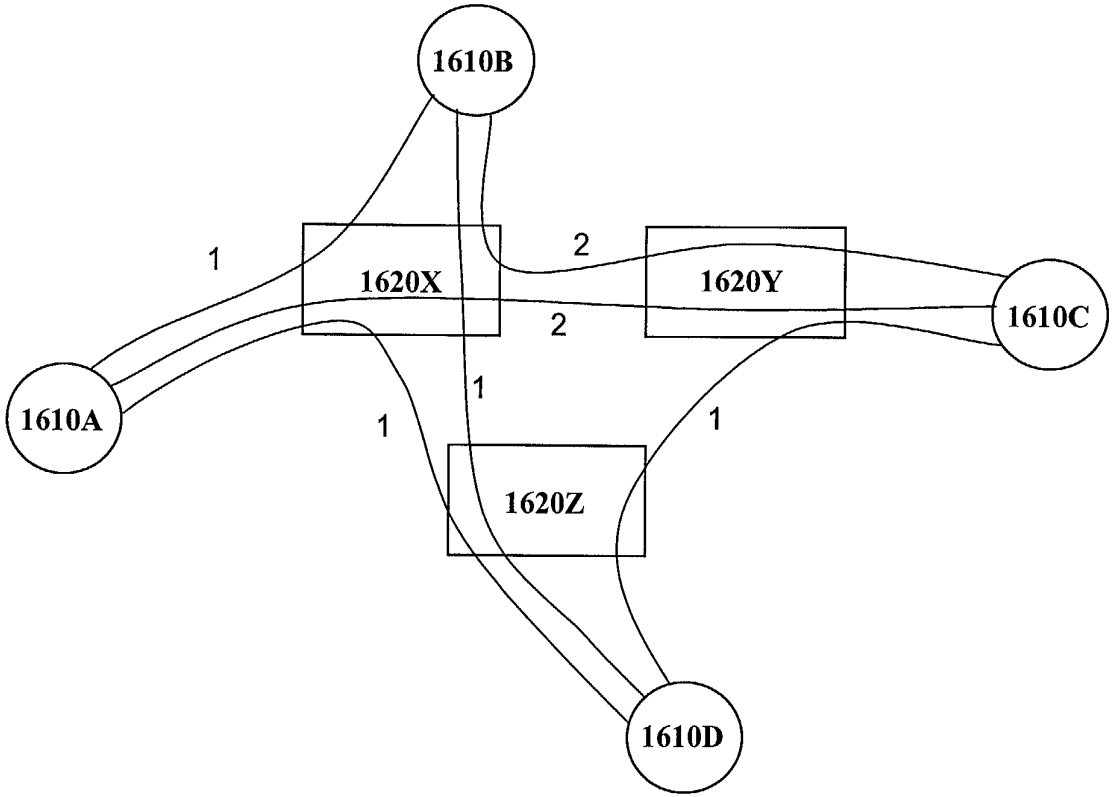



*FIG. 17*

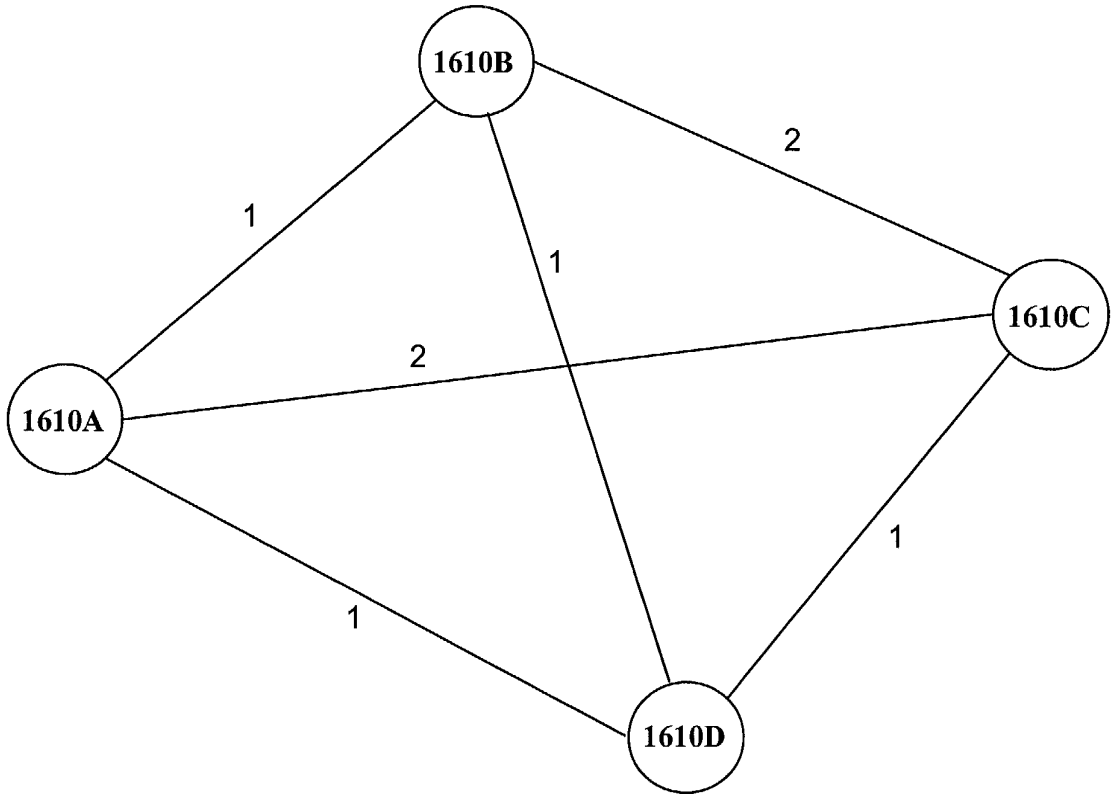



*FIG. 18*

Edge Node A

| Sink | Route-set | Rank | Status |
|---|---|---|---|
| **B** | **AB}** | **1** | **Primary** |
| | **ACB** | **2** | **Secondary** |
| | **ADB** | **3** | **Secondary** |
| **C** | **AC** | **1** | **Primary** |
| | **ADC** | **2** | **Secondary** |
| **D** | **AD** | **1** | **Primary** |
| | **ACD** | **2** | **Secondary** |
| | **ABD** | **2** | **Secondary** |

1902

1906

Edge Node A

| Sink | #Requests | Σ Di • Ci | Σ Ci | Routing Index |
|---|---|---|---|---|
| **B** | **17** | **0.46** | **0.25** | **1.84** |
| **C** | **20** | **0.3** | **0.2** | **1.5** |
| **D** | **25** | **0.24** | **0.22** | **1.09** |

1904A

Edge Node A

| Link | Free |
|---|---|
| **A-B** | **0.05** |
| **A-C** | **0.1** |
| **A-D** | **0.5** |

Edge Node B

| Link | Free |
|---|---|
| **B-A** | **0.2** |
| **B-C** | **0.05** |
| **B-D** | **0.6** |

1904B

1904C

Edge Node C

| Link | Free |
|---|---|
| **C-A** | **0.2** |
| **C-B** | **0.3** |
| **C-D** | **0.1** |

Edge Node D

| Link | Free |
|---|---|
| **D-A** | **0.1** |
| **D-B** | **0.4** |
| **D-C** | **0.05** |

1904D

*FIG. 19*

Edge Node A

2002A

| | Link A-B | Link A-C | Link A-D |
|---|---|---|---|
| **Primary** | **8.9** | **7.6** | **4.5** |
| **Secondary** | **1.1** | **0.8** | **0.3** |
| **Denied** | **1.7** | **0.3** | **0.1** |

Edge Node B

2002B

| | Link B-A | Link B-C | Link B-D |
|---|---|---|---|
| **Primary** | **7.0** | **8.5** | **2.9** |
| **Secondary** | **0.4** | **4.7** | **0.7** |
| **Denied** | **0.1** | **0.5** | **0.02** |

Edge Node C

2002C

| | Link C-A | Link C-B | Link C-D |
|---|---|---|---|
| **Primary** | **6.7** | **9.2** | **3.6** |
| **Secondary** | **1.1** | **2.9** | **0.1** |
| **Denied** | **0.2** | **1.2** | **0.01** |

Edge Node D

2002D

| | Link D-A | Link D-B | Link D-C |
|---|---|---|---|
| **Primary** | **4.3** | **3.1** | **4.0** |
| **Secondary** | **1.4** | **0.7** | **1.2** |
| **Denied** | **0.01** | **0.1** | **0.03** |

*FIG. 20*

2106

Edge Node A

| Sink | #Requests | Σ Di • Ci | Σ Ci | Routing Index |
|---|---|---|---|---|
| **B** | **18** | **0.66** | **0.35** | **1.89** |
| **C** | **20** | **0.3** | **0.2** | **1.5** |
| **D** | **25** | **0.24** | **0.22** | **1.09** |

Edge Node A

2102A

| | Link A-B | Link A-C | Link A-D |
|---|---|---|---|
| **Primary** | **8.9** | **7.6** | **4.5** |
| **Secondary** | **1.1** | **0.9** | **0.3** |
| **Denied** | **1.8** | **0.3** | **0.1** |

Edge Node C

2102C

| | Link C-A | Link C-B | Link C-D |
|---|---|---|---|
| **Primary** | **6.7** | **9.2** | **3.6** |
| **Secondary** | **1.1** | **3** | **0.1** |
| **Denied** | **0.2** | **1.2** | **0.01** |

*FIG. 21*

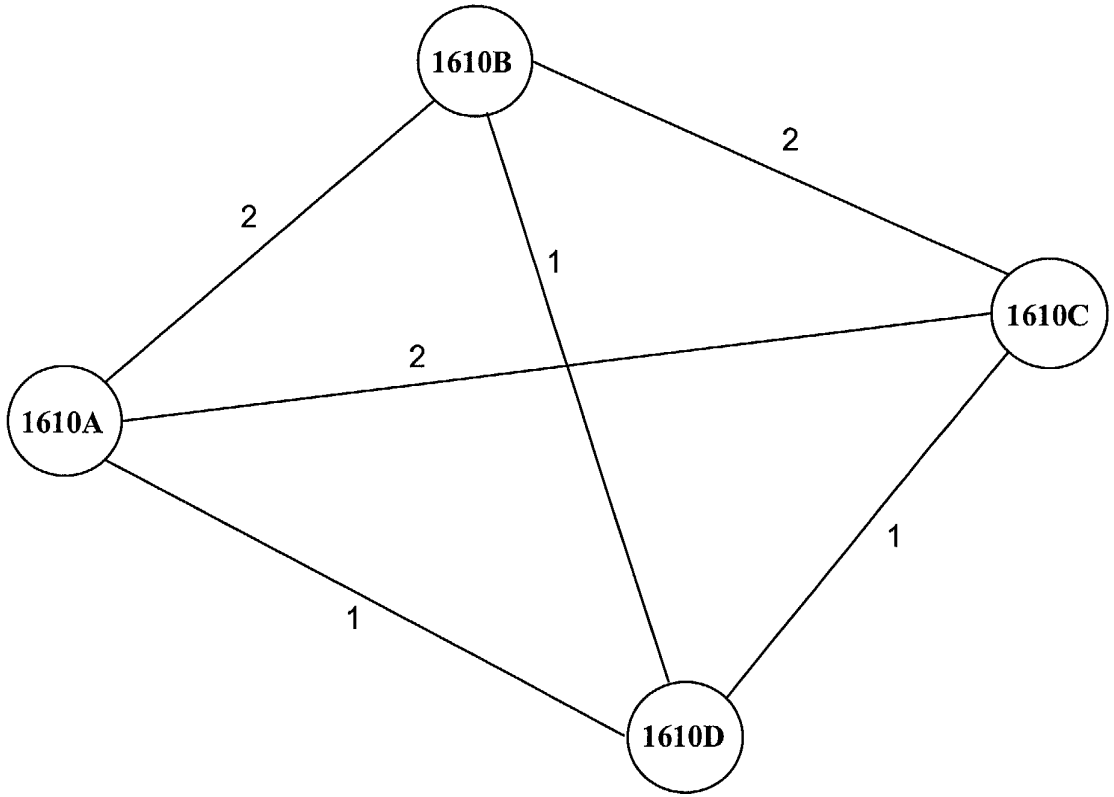



*FIG. 22*

2302X

| | Link A-X | | Link B-X | | Link X-Y | Link X-Z |
|---|---|---|---|---|---|---|
| | **A to X** | **X to A** | **B to X** | **X to B** | **X to Y** | **X to Z** |
| **Primary** | **21.0** | **18** | **18.4** | **21.2** | **16.1** | **7.4** |
| **Secondary** | **2.3** | **2.9** | **5.8** | **4.8** | **5.6** | **1** |
| **Denied** | **2.2** | **0.31** | **0.62** | **3.1** | **0.8** | **0.11** |

2302Y

| | Link C-Y | | Link X-Y | Link Y-Z |
|---|---|---|---|---|
| | **C to Y** | **Y to C** | **Y to X** | **Y to Z** |
| **Primary** | **19.5** | **20.1** | **6.7** | **3.6** |
| **Secondary** | **4.2** | **6.8** | **1.1** | **0.1** |
| **Denied** | **1.41** | **0.83** | **0.2** | **0.01** |

2302Z

| | Link D-Z | | Link X-Z | Link Y-Z |
|---|---|---|---|---|
| | **D to Z** | **Z to D** | **Z to X** | **Z to Y** |
| **Primary** | **11.4** | **11** | **7.4** | **4** |
| **Secondary** | **3.3** | **1.1** | **2.1** | **1.2** |
| **Denied** | **0.14** | **0.13** | **0.11** | **0.03** |

*FIG. 23*

T0821T 8+T62001

Network controller

2402

| Overloaded link | Denied traffic |
|---|---|
| **Link B-X** | **3.1** |
| **Link A-X** | **2.2** |
| **Link C-Y** | **1.41** |

*FIG. 24*

TO822T 8HT620OT

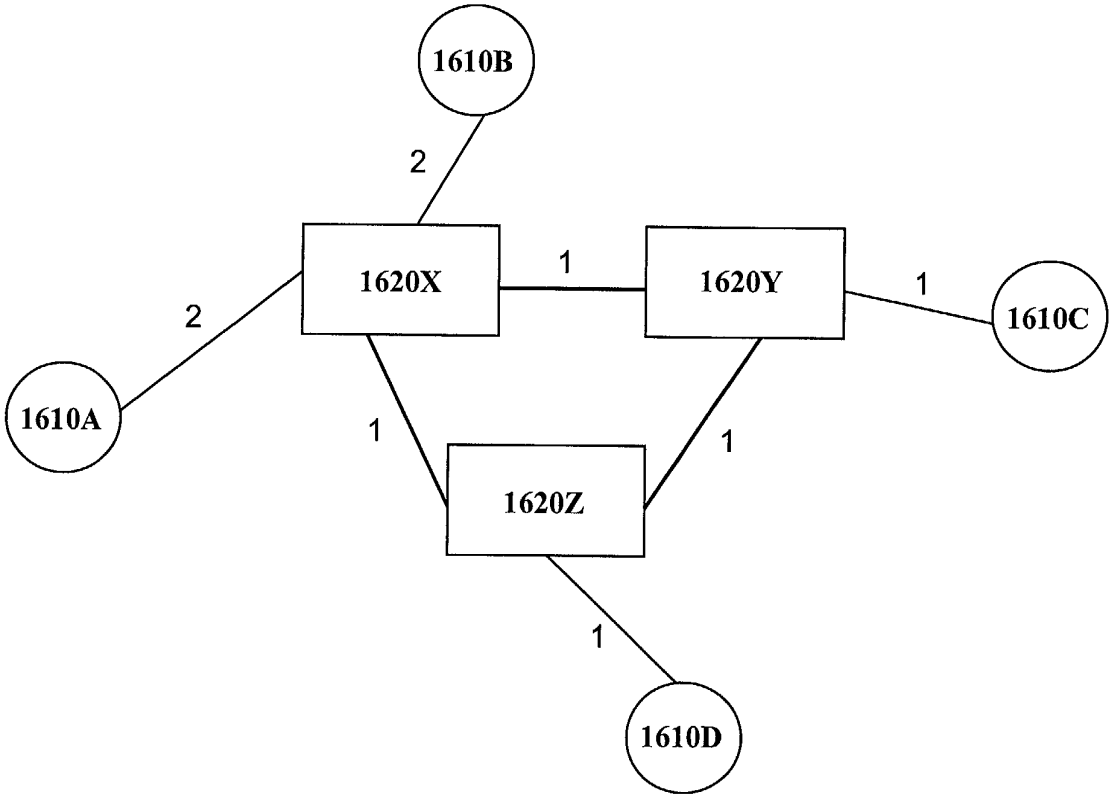



*FIG. 25*